

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/05669

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C08L91/06 C08J3/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 028 713 A (HOECHST AG) 20 May 1981 (1981-05-20) page 2, line 7 -page 4, line 22; claims; examples	1-14,17, 18,22,25
X	EP 0 324 077 A (HUELS CHEMISCHE WERKE AG) 19 July 1989 (1989-07-19) page 2, line 1,2,28-52 page 3, line 3-26; claims; examples 1-4	1-17, 19-22
X	WO 01 64799 A (CLARIANT GMBH ;SCHMALZL MANFRED (DE); SLUITER GABRIELE (DE)) 7 September 2001 (2001-09-07) page 1, line 5-10 page 2, line 1 -page 5, line 27 page 6, line 19-23; claims; examples; table 2	1-18, 20-22
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

18 September 2003

Date of mailing of the international search report

26/09/2003

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Otegui Rebollo, J

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/05669

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 32780 A (ABRAHAM JOERG ;MIETH ANDREAS (DE); EDEL JUTTA (DE); ROMONTA GMBH ( ) 10 May 2001 (2001-05-10) page 1, paragraphs 6-10 page 2, line 15 -page 5, line 8; claims; examples	1-16, 20-23
X	WO 01 85855 A (HEINRICHS FRANZ LEO ;KRENDLINGER ERNST (DE); CLARIANT GMBH (DE); N) 15 November 2001 (2001-11-15) page 1, line 5-7 page 2, line 27 -page 8, line 21; claims; examples; table 2	1-18, 20-23
X	WO 01 64776 A (BOTT RAINER ;CLARIANT GMBH (DE); HESS REINER (DE); HOHNER GERD (DE) 7 September 2001 (2001-09-07) page 1, line 5-11 page 2, line 6 -page 7, line 2; claims 5-7	1-18, 20-23
X	EP 0 222 061 A (HUELS CHEMISCHE WERKE AG) 20 May 1987 (1987-05-20) page 2, line 41 -page 3, line 40; claims	1-22,25
X	EP 0 529 975 A (DU PONT) 3 March 1993 (1993-03-03) column 1, line 25 -column 3, line 20 column 5, line 22-47 column 6, line 15-21; claims; examples	24
X	WO 95 34200 A (FERNZ CORP LIMITED ;MAYNARD NIGEL PAUL (NZ); SINKOVICH PAUL IVAN ( ) 21 December 1995 (1995-12-21) page 1, line 19 -page 3, line 23 page 5, line 12 -page 6, line 12; claims; examples	24
A	EP 1 010 728 A (CLARIANT GMBH) 21 June 2000 (2000-06-21) page 2, paragraphs 7-16; claim 10; examples	1-25

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/05669

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0028713	A	20-05-1981	DE 2942487 A1	30-04-1981
			AT 925 T	15-05-1982
			AU 535631 B2	29-03-1984
			AU 6350980 A	30-04-1981
			BR 8006707 A	22-04-1981
			DE 3060343 D1	09-06-1982
			EP 0028713 A1	20-05-1981
			ES 8105372 A1	16-08-1981
			JP 1508479 C	26-07-1989
			JP 56065056 A	02-06-1981
			JP 63059431 B	18-11-1988
			MX 155639 A	08-04-1988
			US 4342602 A	03-08-1982
			ZA 8006393 D	28-10-1981
EP 0324077	A	19-07-1989	DE 3800988 A1	27-07-1989
			EP 0324077 A2	19-07-1989
			JP 1217087 A	30-08-1989
			ZA 8900283 A	25-10-1989
WO 0164799	A	07-09-2001	DE 10009754 A1	13-09-2001
			DE 10063424 A1	12-07-2001
			CN 1406267 T	26-03-2003
			WO 0164799 A1	07-09-2001
			EP 1272575 A1	08-01-2003
WO 0132780	A	10-05-2001	DE 19952563 A1	03-05-2001
			WO 0132780 A1	10-05-2001
WO 0185855	A	15-11-2001	DE 10023441 A1	29-11-2001
			DE 10063422 A1	02-08-2001
			CN 1429257 T	09-07-2003
			WO 0185855 A1	15-11-2001
			EP 1287085 A1	05-03-2003
			US 2003154885 A1	21-08-2003
WO 0164776	A	07-09-2001	DE 10009751 A1	06-09-2001
			DE 10063421 A1	05-07-2001
			CN 1406264 T	26-03-2003
			WO 0164776 A1	07-09-2001
			EP 1274773 A1	15-01-2003
			US 2003050381 A1	13-03-2003
EP 0222061	A	20-05-1987	DE 3533436 A1	26-03-1987
			DE 3665598 D1	19-10-1989
			EP 0222061 A2	20-05-1987
			ES 2002330 A6	16-03-1991
			JP 7081105 B	30-08-1995
			JP 62072770 A	03-04-1987
			US 4846887 A	11-07-1989
			ZA 8607095 A	27-05-1987
EP 0529975	A	03-03-1993	US 5229356 A	20-07-1993
			AU 659473 B2	18-05-1995
			AU 2119492 A	25-02-1993
			CN 1069853 A	17-03-1993
			EP 0529975 A1	03-03-1993
			ES 2081574 T3	01-03-1996

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/05669

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0529975	A		JP 6107509 A	19-04-1994
WO 9534200	A	21-12-1995	AU 2540495 A	05-01-1996
			WO 9534200 A1	21-12-1995
			ZA 9504708 A	26-01-1996
EP 1010728	A	21-06-2000	DE 19858852 A1	21-06-2000
			CN 1257893 A	28-06-2000
			EP 1010728 A2	21-06-2000
			JP 2000198931 A	18-07-2000
			US 6316650 B1	13-11-2001

Best Available Copy